

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("4957601" "5976328" "5981399" "6001738" "6391769").PN."PN.	US-PGPUB; USPAT	OR	OFF	2006/03/18 14:55
L2	5	("4957601" "5976328" "5981399" "6001738" "6391769").PN.	US-PGPUB; USPAT	OR	ON	2006/03/18 14:59
L3	0	2 and "ticl.sub.4"	US-PGPUB; USPAT	OR	ON	2006/03/18 16:52
L4	2362	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/18 14:59
L5	6	4 and "ticl.sub.4" and ("metal organic" "mocvd")	US-PGPUB; USPAT	OR	ON	2006/03/18 15:16
L6	45	davis.in. and "ticl.sub.4"	US-PGPUB; USPAT	OR	ON	2006/03/18 15:04
L7	0	davis.in. and "ticl.sub.4" and 4	US-PGPUB; USPAT	OR	ON	2006/03/18 15:10
L8	1	((impur\$5 defect\$4) same "ticl.sub.4") and 4	US-PGPUB; USPAT	OR	ON	2006/03/18 15:10
L9	16	"ticl.sub.4" same ("metal organic" "mocvd") same (impur\$5 defect\$4 flush\$4)	US-PGPUB; USPAT	OR	ON	2006/03/18 15:16
L10	0	"ticl.sub.4" same ("metal organic" "mocvd") same (impur\$5 defect\$4 flush\$4)	EPO; JPO; DERWENT	OR	ON	2006/03/18 15:16
L11	0	"ticl.sub.4" same ("metal organic" "mocvd") same (impur\$5 defect\$4 flush\$4 clean\$3 remov\$3)	EPO; JPO; DERWENT	OR	ON	2006/03/18 15:17
L12	0	"ticl.sub.4" and ("metal organic" "mocvd") and (impur\$5 defect\$4 flush\$4 clean\$3 remov\$3)	EPO; JPO; DERWENT	OR	ON	2006/03/18 15:17
L13	30	"ticl.sub.4" same ("metal organic" "mocvd") same (impur\$5 defect\$4 flush\$4 clean\$3 remov\$3)	US-PGPUB; USPAT	OR	ON	2006/03/18 15:17
L14	0	"ticl.sub.4" with ("metal organic" "mocvd") with (impur\$5 defect\$4 flush\$4 clean\$3 remov\$3)	US-PGPUB; USPAT	OR	ON	2006/03/18 15:17
L15	10	(US-20030056727-\$ or US-20040009678-\$ or US-20050233093-\$).did. or (US-5981399-\$ or US-6391769-\$ or US-6132564-\$ or US-6271136-\$ or US-6787481-\$ or US-6729824-\$ or US-6858085-\$).did.	US-PGPUB; USPAT	OR	ON	2006/03/18 15:39
L16	4	15 and cool\$3	US-PGPUB; USPAT	OR	ON	2006/03/18 16:20
L17	3	15 and (align\$4 orient\$5)	US-PGPUB; USPAT	OR	ON	2006/03/18 15:48
L18	1	17 and 16	US-PGPUB; USPAT	OR	ON	2006/03/18 15:41
L19	89	4 and ((align\$4 orient\$5) with (optic\$5))	US-PGPUB; USPAT	OR	ON	2006/03/18 16:01
L20	0	4 and (((align\$4 orient\$5) adj chamber) with (optic\$5))	US-PGPUB; USPAT	OR	ON	2006/03/18 16:07
L21	1	4 and (((align\$4 orient\$5) adj chamber) same (optic\$5))	US-PGPUB; USPAT	OR	ON	2006/03/18 15:49
L22	27	4 and ((align\$4 orient\$5) with (optic\$5)) and cluster	US-PGPUB; USPAT	OR	ON	2006/03/18 16:06
L23	2	4 and imahashi.in.	US-PGPUB; USPAT	OR	ON	2006/03/18 16:06
L24	40	4 and ((align\$4 orient\$5) adj chamber)	US-PGPUB; USPAT	OR	ON	2006/03/18 16:07
L25	112	seo-jung-hun.in. choi-gil-heyun.in. lee-jong-myeong.in. park-hee-sook.in.	US-PGPUB; USPAT	OR	ON	2006/03/18 16:21

## EAST Search History

L26	21396	hynix	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:32
L27	21396	hynix.as.	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:32
L28	0	kim-jin-hyeon.in.	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:32
L29	11583	kim-j\$-h\$.in.	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:33
L30	19340	kim-j\$-h\$.in. lee-s\$-h\$.in.	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:33
L31	125	kim-j\$-h\$.in. and lee-s\$-h\$.in.	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:33
L32	1	kim-j\$-h\$.in. and lee-s\$-h\$.in. and MOCVD	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:48
L33	11	asai.in. and mocvd	EPO; JPO; DERWENT	OR	ON	2006/03/18 16:49
L34	18	(US-20030056727-\$ or US-20040009678-\$ or US-20050233093-\$ or US-20010037856-\$ or US-20020084032-\$).did. or (US-5981399-\$ or US-6391769-\$ or US-6132564-\$ or US-6271136-\$ or US-6787481-\$ or US-6729824-\$ or US-6858085-\$ or US-5338362-\$ or US-5766360-\$ or US-5975740-\$ or US-6702865-\$).did. or (JP-2003197613-\$).did. or (JP-2004006699-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/03/18 16:52
L35	8	34 and "tcl.sub.4"	US-PGPUB; USPAT	OR	ON	2006/03/18 16:53
L36	9	34 and ("mocvd" "metal organic")	US-PGPUB; USPAT	OR	ON	2006/03/18 17:03
L37	4778	kawamura.in.	US-PGPUB; USPAT	OR	ON	2006/03/18 17:03
L38	8	kawamura.in. and 4	US-PGPUB; USPAT	OR	ON	2006/03/18 17:03
L39	18	sato.in. and 4	US-PGPUB; USPAT	OR	ON	2006/03/18 17:34
L40	3	sato.in. and 4 and organic	US-PGPUB; USPAT	OR	ON	2006/03/18 17:04
L41	26	"barrier layer" and (cool\$3 chill\$3) and (align\$4 orient\$5) and 4	US-PGPUB; USPAT	OR	ON	2006/03/18 17:35
S7	6	((("6493629") or ("6340928") or ("6674403") or ("5977913") or ("6850735") or ("6714605")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/18 14:55